

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	1	(US-5197082-\$).did.	USPAT	OR	ON	2006/03/11 14:14
L13	1	(US-5276712-\$).did.	USPAT	OR	ON	2006/03/11 14:18
L14	1	(US-6075825-\$).did.	USPAT	OR	ON	2006/03/11 14:30

## EAST Search History

L19	1089	("2215446"   "2538062"   "2803702"   "2957045"   "3010073"   "3020479"   "3085200"   "3143666"   "3268824"   "3271742"   "3304505"   "3356955"   "3368037"   "3375445"   "3393308"   "3404231"   "3409875"   "3440548"   "3480869"   "3518680"   "3524023"   "3524136"   "3550082"   "3564412"   "3573623"   "3581279"   "3582879"   "3588364"   "3593167"   "3605019"   "3609597"   "3614623"   "3614673"   "3619662"   "3622913"   "3624521"   "3629736"   "3631263"   "3633105"   "3638183"   "3648171"   "3656064"   "3663883"   "3679882"   "3694752"   "3697690"   "3706854"   "3715665"   "3715666"   "3723911"   "3727061"   "3727136"   "3727153"   "3743775"   "3745250"   "3755736"   "3755738"   "3757221"   "3757315"   "3758881"   "3778727"   "3783386"   "3806806"   "3808366"   "3810021"   "3818347"   "3859631"   "3863030"   "3864529"   "3868603"   "3878468"   "3879664"   "3883729"   "3886380"   "3887768"   "3906347"   "3909781"   "3911368"   "3916324"   "3921075"   "3931473"   "3935535"   "3936762"   "3936801"   "3943448"   "3947769"   "3953674"   "3959601"   "3962549"   "3962637"   "3963996"   "3967062"   "3978407"   "3980951"   "3986126"   "3992581"   "4000397"   "4004226"   "4009356"   "4010323"   "4015083"   "4017803"   "4025719"   "4027178"   "4027266"   "4028628"   "4034340"   "4039748"   "4042789"   "4045620"   "4047013"   "4052611"   "4054849"   "4059812"   "4061978"   "4063193"   "4074127"   "4077016"   "4079329"   "4083009"   "4085288"   "4085378"   "4087754"   "4088959"   "4091331").PN. OR ("4100503"   "4101844"   "4105946"   "4109102"   "4112496"   "4121162"   "4122300"   "4129748"   "4130724"   "4135165"   "4152649"   "4158105"   "4169248"   "4169286"   "4186347"   "4190896"   "4201942"   "4203070"   "4206425"   "4208650"   "4213134"   "4215730"   "4215311"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 14:29
-----	------	---	------------------------------	----	----	------------------

## EAST Search History

L25	983	("0588025"   "2632058"   "3246243"   "3462702"   "3569853"   "3602828"   "3621406"   "3678200"   "3737585"   "3739277"   "3831013"   "3873943"   "3894246"   "3900721"   "3902014"   "3919641"   "3935535"   "3959601"   "3962635"   "3962637"   "3983498"   "3992581"   "3993868"   "4004226"   "4029905"   "4061978"   "4064361"   "4078157"   "4087627"   "4087654"   "4112372"   "4146840"   "4151485"   "4180783"   "4216543"   "4216544"   "4218771"   "4222115"   "4222117"   "4234929"   "4238739"   "4238850"   "4242754"   "4245345"   "4247940"   "4247942"   "4253184"   "4280099"   "4285061"   "4308619"   "4313206"   "4319200"   "4319204"   "4320515"   "4320525"   "4334313"   "4339817"   "4339824"   "4347615"   "4348769"   "4365210"   "4365211"   "4376309"   "4388597"   "4389622"   "4392232"   "4405837"   "4411000"   "4416015"   "4418393"   "4418425"   "4419760"   "4420723"   "4421993"   "4423382"   "4425642"   "4426714"   "4438212"   "4449247"   "4450572"   "4453259"   "4454587"   "4455651"   "4455665"   "4464545"   "4466110"   "4466111"   "4471164"   "4479226"   "4489416"   "4494021"   "4507622"   "4512013"   "4516079"   "4523311"   "4527278"   "4539693"   "4553130"   "4556864"   "4563774"   "4575860"   "4583048"   "4584695"   "4585998"   "4586186"   "4590602"   "4592071"   "4597089"   "4599732"   "4606027"   "4606039"   "4606045"   "4607296"   "4612637"   "4615041"   "4621365"   "4621366"   "4627080"   "4635277"   "4637036"   "4642573"   "4647863"   "4649549"   "4653069"   "4660164").PN. OR ("4667333"   "4669090"   "4669092"   "4672605"   "4672629"   "4672658"   "4675839"   "4675881"   "4679252"   "4680785"   "4682358"   "4688205"   "4691326"   "4692931"   "4697260"   "4698826"   "4700357"   "4703474"   "4704722"   "4707839"   "4707841"   "4718080"   "4776043"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 14:30
3/11/2006 6:29:00 PM		C:\Documents and Settings\jnsouza\My Documents\EAST\Workspaces\10036391.wsp	Page 3			

## EAST Search History

L26	1939	L19 or L25	USPAT	OR	ON	2006/03/11 14:31
L27	5833	timing near2 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/11 14:31
L28	11112	clock near2 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/11 14:31
L29	15812	L27 or L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/11 14:31
L30	607	L26 and L29	USPAT	OR	ON	2006/03/11 14:31
L31	468032	bandpass or resonan\$2 or tuning or saw	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 14:31
L32	224	L30 and L31	USPAT	OR	ON	2006/03/11 14:32
L33	172	L32 and delay	USPAT	OR	ON	2006/03/11 15:06
L34	1	(US-4276651-\$).did.	USPAT	OR	ON	2006/03/11 14:37
L35	13	("2942196"   "3902014"   "3924068"   "4088832").PN. OR ("4339824").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:20
L36	1	(US-4737970-\$).did.	USPAT	OR	ON	2006/03/11 14:45
L37	1	(US-5056121-\$).did.	USPAT	OR	ON	2006/03/11 14:51

## EAST Search History

L41	1079	("2248746"   "2538062"   "2662118"   "2797326"   "2942196"   "3020479"   "3057959"   "3085200"   "3102164"   "3112363"   "3213370"   "3271742"   "3328719"   "3356955"   "3363183"   "3368168"   "3378770"   "3393308"   "3401342"   "3414819"   "3440548"   "3443229"   "3462551"   "3462687"   "3480869"   "3488605"   "3491298"   "3510786"   "3518554"   "3524023"   "3524136"   "3524169"   "3551837"   "3560855"   "3573623"   "3573624"   "3591720"   "3593140"   "3609597"   "3614623"   "3619789"   "3626309"   "3629736"   "3633105"   "3638122"   "3644830"   "3646448"   "3646452"   "3648171"   "3656064"   "3663883"   "3669511"   "3674934"   "3675131"   "3693099"   "3694752"   "3701948"   "3711777"   "3715665"   "3715666"   "3715670"   "3718766"   "3718767"   "3723911"   "3727136"   "3727153"   "3731199"   "3743775"   "3745250"   "3750026"   "3755738"   "3755744"   "3757221"   "3758881"   "3775685"   "3775688"   "3778727"   "3781695"   "3783386"   "3795865"   "3810021"   "3810257"   "3818347"   "3818348"   "3823377"   "3824347"   "3828138"   "3859631"   "3864632"   "3868603"   "3875339"   "3878468"   "3879664"   "3883729"   "3887768"   "3902014"   "3906347"   "3916324"   "3921075"   "3924068"   "3935535"   "3936762"   "3937899"   "3959601"   "3962637"   "3978407"   "3980951"   "3980962"   "3983540"   "3984778"   "3992581"   "4004226"   "4004237"   "4004282"   "4006352"   "4009356"   "4015083"   "4019153"   "4025719"   "4031317"   "4034199"   "4036431"   "4037201"   "4047013"   "4055814").PN. OR ("4061978"   "4064361"   "4077016"   "4079203"   "4079329"   "4085288"   "4085378"   "4085449"   "4088832"   "4088959"   "4089061"   "4101844"   "4105946"   "4109102"   "4112496"   "4121162"   "4121195"   "4122405"   "4129748"   "4131862"   "4135165"   "4137477"   "4145747"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:04
-----	------	---	------------------------------	----	----	------------------

## EAST Search History

L47	1485	("2215446"   "2433758"   "2442614"   "3023370"   "3209261"   "3246243"   "3249763"   "3270339"   "3276019"   "3304505"   "3375448"   "3376507"   "3401353"   "3409875"   "3458823"   "3462702"   "3518680"   "3564412"   "3569853"   "3611175"   "3622913"   "3631263"   "3633115"   "3646441"   "3646452"   "3674935"   "3678200"   "3693099"   "3697690"   "3710274"   "3715665"   "3737585"   "3739277"   "3755736"   "3760111"   "3764830"   "3778723"   "3808366"   "3818347"   "3831013"   "3855533"   "3864529"   "3886380"   "3900721"   "3902014"   "3906347"   "3911368"   "3943285"   "3943448"   "3955141"   "3959601"   "3962549"   "3962635"   "3962637"   "3963996"   "3967062"   "3978407"   "3978436"   "3983498"   "3983501"   "3986126"   "3992581"   "3997843"   "4000371"   "4000397"   "4003006"   "4004226"   "4017803"   "4021898"   "4027178"   "4028628"   "4029905"   "4034340"   "4037171"   "4039748"   "4051448"   "4052611"   "4054849"   "4061978"   "4063193"   "4072905"   "4074127"   "4078157"   "4083009"   "4085288"   "4087627"   "4091331"   "4100498"   "4100503"   "4101844"   "4112372"   "4117277"   "4128809"   "4131484"   "4143322"   "4151485"   "4163944"   "4169248"   "4169286"   "4180779"   "4180783"   "4206320"   "4206425"   "4215239"   "4215243"   "4216544"   "4217551"   "4217563"   "4222115"   "4222117"   "4227152"   "4227252"   "4238850"   "4242754"   "4243941"   "4245345"   "4247817"   "4247942"   "4253184"   "4257125"   "4257126"   "4262360"   "4267595"   "4273955"   "4277152").PN. OR ("4280099"   "4286237"   "4290022"   "4296389"   "4298986"   "4301417"   "4308618"   "4309770"   "4313202"   "4313206"   "4314393"   "4320515"   "4320517"   "4320525"   "4321483"   "4334313"   "4339823"   "4339824"   "4343759"   "4344178"   "4347616"   "4354168"   "4355408"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:04
3/11/2006 6:29:00 PM C:\Documents and Settings\jdsouza\My Documents\EAST\Workspaces\10036391.wsp					Page 6	

# EAST Search History

L56	1336	("2979662"   "3226570"   "3516007"   "3697689"   "3731219"   "3745361"   "3798576"   "3849730"   "3873943"   "3902014"   "3931585"   "3933454"   "3940278"   "3950075"   "3959601"   "3960531"   "3967058"   "3982151"   "3992580"   "3999836"   "4004226"   "4017013"   "4035725"   "4037922"   "4041326"   "4049414"   "4061978"   "4064361"   "4072400"   "4081500"   "4083625"   "4087654"   "4088386"   "4091335"   "4100008"   "4102561"   "4105284"   "4122300"   "4125388"   "4129748"   "4135779"   "4154985"   "4180783"   "4211610"   "4218654"   "4227152"   "4230911"   "4242639"   "4247940"   "4253184"   "4270183"   "4280099"   "4280827"   "4286283"   "4303837"   "4309770"   "4316284"   "4328018"   "4334313"   "4339817"   "4348769"   "4351658"   "4358853"   "4360371"   "4360788"   "4365210"   "4375694"   "4385802"   "4394626"   "4395270"   "4396409"   "4406516"   "4411000"   "4413882"   "4415230"   "4422175"   "4436368"   "4437870"   "4438521"   "4449247"   "4453961"   "4455665"   "4456890"   "4460992"   "4464545"   "4470138"   "4473901"   "4475208"   "4478489"   "4486212"   "4489289"   "4489416"   "4490688"   "4494242"   "4494968"   "4494969"   "4500043"   "4501602"   "4514205"   "4520386"   "4520489"   "4528009"   "4528464"   "4531959"   "4535451"   "4539531"   "4546486"   "4549781"   "4551845"   "4553161"   "4554579"   "4555707"   "4561871"   "4565976"   "4578097"   "4584695"   "4590602"   "4592071"   "4592619"   "4599732"   "4606045"   "4615041"   "4620159"   "4626803"   "4628519").PN. OR ("4633488"   "4635263"   "4635274"   "4635277"   "4636405"   "4642573"   "4648098"   "4662307"   "4663748"   "4667168"   "4667333"   "4669090"   "4669092"   "4671938"   "4682358"   "4688210"   "4692615"   "4692931"   "4694259"   "4700084"   "4700330"   "4700357"   "4700359"	US-PGPUB; OR USPAT; USOCR	ON	2006/03/11 15:05
-----	------	---	---------------------------------	----	------------------

# EAST Search History

L62	491	("20020089356"   "20020121937"   "20020191640"   "20030001557"   "20030122711"   "3569626"   "3745361"   "3815034"   "3828138"   "4122300"   "4216542"   "4218654"   "4231071"   "4240112"   "4252999"   "4313205"   "4320513"   "4453259"   "4456890"   "4460992"   "4464765"   "4464771"   "4466108"   "4470138"   "4472817"   "4475208"   "4501002"   "4546486"   "4553161"   "4554579"   "4555707"   "4578796"   "4620159"   "4621366"   "4635274"   "4652884"   "4674103"   "4680781"   "4688210"   "4715049"   "4723164"   "4730312"   "4736402"   "4748681"   "4756007"   "4757460"   "4773066"   "4785448"   "4787096"   "4795986"   "4811365"   "4814719"   "4815103"   "4825448"   "4829569"   "4847872"   "4847880"   "4852151"   "4884269"   "4884285"   "4890303"   "4890316"   "4894662"   "4894789"   "4894847"   "4899333"   "4901307"   "4912721"   "4922484"   "4922490"   "4924492"   "4926130"   "4926355"   "4933930"   "4943739"   "4947483"   "4953181"   "4955037"   "4958369"   "4965641"   "4975927"   "4980648"   "4984255"   "4995057"   "4995074"   "5018166"   "5022049"   "5031197"   "5034948"   "5036529"   "5045861"   "5052023"   "5052024"   "5056088"   "5056109"   "5060241"   "5072445"   "5073904"   "5077531"   "5081645"   "5084900"   "5084903"   "5090024"   "5091920"   "5093718"   "5093840"   "5095481"   "5097487"   "5103459"   "5109390"   "5109483"   "5115454"   "5117425"   "5121411"   "5124976"   "5127003"   "5127051"   "5130983"   "5131025"   "5133079"   "5134611"   "5136374"   "5144625").PN. OR ("5150383"   "5157686"   "5163044"   "5164958"   "5166951"   "5166952"   "5166955"   "5193094"   "5195092"   "5195184"   "5199031"   "5200981"   "5200993"   "5204876"   "5212814"   "5214650"   "5214674"   "5216692"   "5220560"   "5224108"   "5224177"   "5228054"   "5228056"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:06
3/11/2006 6:29:00 PM	C:\Documents and Settings\jdsouza\My Documents\10036391.wsp					Page 8

## EAST Search History

L63	3708	L41 or L47 or L56 or L62	USPAT	OR	ON	2006/03/11 15:07
L64	962	L63 and L29	USPAT	OR	ON	2006/03/11 15:07
L65	373	L64 and L31	USPAT	OR	ON	2006/03/11 15:07
L66	300	L65 and delay	USPAT	OR	ON	2006/03/11 15:07
L67	156649	(bit near2 rate) or (data near2 rate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:22
L68	235708	(bandwidth or "band width") or ((quality near factor) or ("Q" adj factor))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:22
L69	62630	L67 and L68	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:22
L70	15042	L67 WITH L68	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:23
L71	1724	L70 and bandpass	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:23
L72	343	L71 and ("% " or percent)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 16:14
L73	46	L72 and "0.2"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:25
L74	1731	L70 and ("% " or percent)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:38
L75	25	L70 WITH ("% " or percent)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 16:01
L76	1	(US-3626298-\$.did.	USPAT	OR	ON	2006/03/11 15:44
L77	1	(US-5088107-\$.did.	USPAT	OR	ON	2006/03/11 15:52
L78	25	("3320611"   "3349328"   "3384823"   "3418579"   "3430237").PN. OR ("3626298").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 16:11
L79	6	L78 and L67 and L68	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 15:57
L80	89	L70 SAME ("% " or percent)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 16:01
L81	4782	L69 and L29	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 16:13

## EAST Search History

L82	1813	L81 and L31	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 16:13
L83	431	L82 and ("% or percent)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 16:15
L84	177	L83 and (loop near2 filter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/11 16:15
L85	1	(US-5130671-\$).did.	USPAT	OR	ON	2006/03/11 16:24
L104	6	((("5577056") or ("4025720")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/11 18:27
L105	2	("5056121").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/11 18:27
S1	225498	packet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:42
S2	8782	burst near3 mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 09:58
S3	186220	transient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 09:58
S4	94549	decay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 09:59

## EAST Search History

S5	36	S1 and S2 and S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 09:59
S6	69273	wideband or "wide band"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 10:00
S7	14	S5 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 10:40
S8	226213	bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 10:41
S9	784008	bit adj S2 timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 10:41
S10	53378	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 10:42
S11	880	S10 and S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 10:43
S12	842703	receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 10:46

## EAST Search History

S13	397	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 10:46
S14	17	S13 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:12
S15	272	(delay adj3 path) same (filter near5 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:14
S16	65	S15 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:15
S17	27	S16 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:32
S18	0	Eric adj Pehl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:32
S19	121	Pehl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:33
S20	11470	narrowband	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:33

## EAST Search History

S21	0	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:33
S22	1552874	filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:33
S23	20	S19 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:42
S24	5432	timing near2 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:42
S25	11470	narrowband	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:43
S26	261	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 11:43
S27	8782	burst near3 mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:07
S28	5432	timing near2 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:07

## EAST Search History

S29	11470	narrowband	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:07
S30	261	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:07
S31	8	S30 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:07
S33	28247	separate near2 paths	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:44
S34	1552874	filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:44
S35	7813	S34 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:45
S36	37571	wideband or narrowband	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:45
S37	604	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:46

## EAST Search History

S38	262	S37 and timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:46
S39	214	S38 and relative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:47
S40	23278	delay near3 path	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:47
S41	65	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:48
S44	268364	transient or decay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:49
S46	21	S41 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 13:49
S50	2	("4191862").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/31 17:04
S51	44602	bandpass adj3 filter\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:57

## EAST Search History

S52	129768	low adj3 pass adj3 filter\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:57
S53	7819	burst adj3 mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:57
S54	878	burst near4 mode near4 time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:58
S55	283	burst near4 mode near4 timing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:58
S56	1080	S54 or S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:58
S57	30	S51 and S52 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 12:25
S58	15713	time adj4 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:59
S59	5615	timing adj4 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:59

## EAST Search History

S60	20751	S58 or S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:59
S61	6	S57 and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/01 10:59
S62	45	optical near4 timing near4 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/06 17:22
S63	45	optical near4 timing near4 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/08 16:16
S64	612922	timing or clock	US-PGPUB; USPAT	OR	ON	2005/09/12 17:39
S65	31371	bandpass near4 filter	US-PGPUB; USPAT	OR	ON	2005/09/12 17:39
S66	7863	burst near4 mode	US-PGPUB; USPAT	OR	ON	2005/09/12 17:39
S67	10037	narrowband	US-PGPUB; USPAT	OR	ON	2005/09/12 17:39
S68	98139	two near4 path\$2	US-PGPUB; USPAT	OR	ON	2005/09/12 17:39
S69	20	S64 and S65 and S66 and S67 and S68	US-PGPUB; USPAT	OR	ON	2005/09/12 17:39
S70	44630	("375").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/09/12 17:40
S71	7	S69 and S70	US-PGPUB; USPAT	OR	ON	2005/09/12 17:40
S72	1252	(375/130).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/12 17:40
S73	2	S69 and S72	US-PGPUB; USPAT	OR	ON	2005/09/12 17:40
S74	823	(375/240).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/12 17:40

## EAST Search History

S75	0	S69 and S74	US-PGPUB; USPAT	OR	ON	2005/09/12 17:41
S76	1133	(375/316).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/09/12 17:41
S77	0	S69 and S76	US-PGPUB; USPAT	OR	ON	2005/09/12 17:41
S79	68030	("455").CLAS.	US-PGPUB; USPAT	OR	OFF	2005/09/12 17:41
S80	1	S69 and S79	US-PGPUB; USPAT	OR	ON	2005/09/12 17:41
S81	5829	timing near2 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 10:51
S82	11100	clock near2 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 10:51
S83	15796	S81 or S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 10:52
S84	2010720	optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 10:54
S85	43	delay WITH bandpass WITH discriminat\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 11:22
S86	1	S83 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 10:59
S87	0	("2002/0101944").URPN.	USPAT	OR	ON	2006/03/08 11:04

## EAST Search History

S88	4732	delay SAME bandpass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 11:22
S89	253	S83 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 11:23
S90	164	S89 and path	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 11:23
S91	10	("4232387"   "4250456"   "4539524").PN. OR ("4675881"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:20
S92	1	(US-4715049-\$).did.	USPAT	OR	ON	2006/03/08 16:29
S93	1	(US-4675881-\$).did.	USPAT	OR	ON	2006/03/08 16:29
S94	1	(US-6175285-\$).did.	USPAT	OR	ON	2006/03/08 17:16
S95	9	("4918406"   "5396195"   "5920235").PN. OR ("6175285"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:17

## EAST Search History

S96	103	("3007045"   "3832713"   "4063193"   "4147997"   "4167711"   "4270102"   "4378531"   "4404583"   "4546330"   "4633195"   "4714900"   "4885554"   "5144156"   "5220294"   "5302919"   "5304953"   "5339050"   "5359298"   "5371475"   "5373264"   "5394117"   "5434543"   "5451915"   "5475326"   "5546056"   "5550520"   "5608463"   "5635879"   "5642082"   "5650749"   "5699020"   "5714911"   "5717730"   "5740213"   "5781048"   "5809095"   "5850163"   "5854575"   "5892407"   "5920235"   "5939947"   "5959502"   "5982836"   "6008701"   "6014176"   "6016082"   "6041090"   "6043510"   "6046647"   "6054903"   "6081167"   "6175285"   "6177844"   "6201450"   "6211920"   "6222421"   "6239755"   "6249192"   "6317008"   "6369659"   "6404288"   "6462626"   "6538516"   "6545550"   "6580330"   "6667660").PN. OR ("4918406"   "5396195"   "5920235"   "6429901"   "6545570"   "6650195"   "6850122"   "6937107"   "6977557").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:19
S97	113	S91 or S96	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:21
S98	14	("4169286"   "4296389"   "4339823"   "4355408"   "4442574"   "4495431").PN. OR ("4715049").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:20
S99	10	("4232387"   "4250456"   "4539524").PN. OR ("4675881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:20
S10 0	9	("4918406"   "5396195"   "5920235").PN. OR ("6175285").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:20
S10 1	14	("4169286"   "4296389"   "4339823"   "4355408"   "4442574"   "4495431").PN. OR ("4715049").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:21
S10 2	10	("4232387"   "4250456"   "4539524").PN. OR ("4675881").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:21

## EAST Search History

S10 3	9	("4918406"   "5396195"   "5920235").PN. OR ("6175285").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:21
S10 4	33	S101 or S102 or S103	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:22
S10 5	134	S104 or S96	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:22
S10 6	5829	timing near2 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 17:22
S10 7	11100	clock near2 recovery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 17:22
S10 8	15796	S106 or S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/08 17:22
S10 9	30	S105 and S108	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:52
S11 0	1	(US-5047735-\$).did.	USPAT	OR	ON	2006/03/08 17:38
S11 1	1	(US-5138633-\$).did.	USPAT	OR	ON	2006/03/08 17:44
S11 2	4	("4222117"   "4918406"   "4996444").PN. OR ("5047735").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:52
S11 3	12	("3755736"   "3911368"   "3986126"   "4245345"   "4618787"   "4715049").PN. OR ("5138633").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:52
S11 4	0	S112 and S113	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:52
S11 5	16	S112 or S113	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:01

## EAST Search History

S11 6	7	S115 and S108	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 17:53
S11 7	1	(US-4996444-\$).did.	USPAT	OR	ON	2006/03/08 17:57
S11 8	115	("20020021767"   "20020039040"   "20040096013"   "3304505"   "3524136"   "3715665"   "3715666"   "3810021"   "3873943"   "3894246"   "3919641"   "3935535"   "3962637"   "4061978"   "4152649"   "4169286"   "4296389"   "4298986"   "4308619"   "4319204"   "4339823"   "4355408"   "4405837"   "4421993"   "4442574"   "4449247"   "4454587"   "4495431"   "4592071"   "4633195"   "4637036"   "4679252"   "4691377"   "4740998"   "4862270"   "4929849"   "4937840"   "4985697"   "4989219"   "4996444"   "5047735"   "5138633"   "5164966"   "5371766"   "5499028"   "5546032"   "5631925"   "5671258"   "5796795"   "5949255"   "6081565"   "6194934"   "6438178"   "6493401"   "6580263").PN. OR ("4245345"   "4715049"   "4918406"   "4996444"   "5764702"   "6771712"   "6947494").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:01
S11 9	18	("3304505"   "4298986"   "4679252"   "4691377"   "4862270"   "4929849").PN. OR ("4996444"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:01
S12 0	115	S118 or S119	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:02
S12 1	41	S120 and S108	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:15

# EAST Search History

S12 2	737	("2215446"   "2538062"   "2632058"   "3019296"   "3196352"   "3226570"   "3290611"   "3304505"   "3363183"   "3440547"   "3440548"   "3470477"   "3508172"   "3537013"   "3551837"   "3564412"   "3581279"   "3582879"   "3602828"   "3614622"   "3614673"   "3626309"   "3631263"   "3644830"   "3668315"   "3694752"   "3701948"   "3745248"   "3747024"   "3755736"   "3787762"   "3810257"   "3818348"   "3819853"   "3825832"   "3828138"   "3864529"   "3864632"   "3868603"   "3873943"   "3886380"   "3891927"   "3894246"   "3902014"   "3906347"   "3911368"   "3916084"   "3919641"   "3919651"   "3947768"   "3962549"   "3962637"   "3978407"   "3980962"   "3986126"   "3999135"   "4000397"   "4004226"   "4010421"   "4017803"   "4024342"   "4027178"   "4027257"   "4027258"   "4028628"   "4037201"   "4039748"   "4041326"   "4054849"   "4054950"   "4061978"   "4064361"   "4074127"   "4085288"   "4089061"   "4091331"   "4163946"   "4180783"   "4208724"   "4222117"   "4227251"   "4245345"   "4253184"   "4267595"   "4272845"   "4275465"   "4280099"   "4285061"   "4290139"   "4298986"   "4308618"   "4308619"   "4309662"   "4309770"   "4312075"   "4319204"   "4320515"   "4328587"   "4330687"   "4330861"   "4334313"   "4347615"   "4348769"   "4363003"   "4370617"   "4376267"   "4376309"   "4400667"   "4405837"   "4411000"   "4415803"   "4416015"   "4417213"   "4419633"   "4421993"   "4425646"   "4449247"   "4454587"   "4455665"   "4466108"   "4489289"   "4495410"   "4499600"   "4530104"   "4546486").PN. OR ("4577155"   "4577241"   "4590602"   "4592071"   "4592076"   "4592077"   "4606027"   "4606045"   "4608702"   "4615041"   "4618787"   "4635277"   "4637036"   "4644567"   "4669090"   "4669092"   "4679252"   "4691377"   "4692931"   "4700357"   "4715040"   "4726043"   "4727534"	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:14
3/11/2006 6:29:00 PM C:\Documents and Settings\jdsouza\My Documents\EAST\Workspaces\10036391.wsp					Page 23	

## EAST Search History

S12 3	234	S122 and S108	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:16
S12 4	467487	bandpass or resonan\$2 or tuning or saw	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:16
S12 5	90	S123 and S124	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 18:17


[Search Results](#)
[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUIDE](#)

Results for "(((clock <phrase> recovery)<in>metadata))<and>(bandpass <in>metadata))"



Your search matched 11 of 867 documents.

A maximum of 100 results are displayed, 100 to a page, sorted by Publication year in Ascending order.

## » Search Options

[View Session History](#)
[New Search](#)

## Modify Search


☐ Check to search only within this results set

 Display Format: ☒ Citation ☐ Citation & Abstract

## » Key



Indicates full text access

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

 [Select All](#) [Deselect All](#)

- ☐ 1. **Performances of the Delay-Line Multiplier Circuit for Clock and Carrier Synchronization in Digital Satellite Communications**  
 Imbeaux, J.-C.;  
[Selected Areas in Communications, IEEE Journal on](#)  
 Volume 1, Issue 1, Jan 1983 Page(s):82 - 95  
[Abstract](#) | [Full Text: PDF\(912 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☐ 2. **Tracking performance of synchronizers driven by trellis-code modulated signals**  
 D'Andrea, N.A.; Mengali, U.;  
[Communications, 1988. ICC 88. Digital Technology - Spanning the Universe. C](#)  
[Record. IEEE International Conference on](#)  
 12-15 June 1988 Page(s):1043 - 1047 vol.2  
 Digital Object Identifier 10.1109/ICC.1988.13715  
[Abstract](#) | [Full Text: PDF\(308 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 3. **Jitter characterization in optical fibre communication**  
 Cartaxo, A.V.T.; de Albuquerque, A.A.;  
[Electrotechnical Conference, 1989. Proceedings. 'Integrating Research, Indust](#)  
[in Energy and Communication Engineering'. MELECON '89.. Mediterranean](#)  
 11-13 April 1989 Page(s):565 - 568  
 Digital Object Identifier 10.1109/MELCON.1989.50108  
[Abstract](#) | [Full Text: PDF\(156 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ 4. **A narrow bandpass microstrip filter for high-speed fiber optic systems**  
 Fishman, D.A.;  
[Communications, IEEE Transactions on](#)  
 Volume 38, Issue 8, Aug. 1990 Page(s):1122 - 1124  
 Digital Object Identifier 10.1109/26.58742  
[Abstract](#) | [Full Text: PDF\(240 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☐ 5. **10 Gbit/s timing recovery circuit using dielectric resonator and active bar**  
 Monteiro, P.; Matos, J.N.; Gameiro, A.; da Rocha, J.R.F.;  
[Electronics Letters](#)  
 Volume 28, Issue 9, 23 April 1992 Page(s):819 - 820

[Abstract](#) | [Full Text: PDF\(152 KB\)](#) IEE JNL

- ☐ **6. Jitter in the square synchroniser on direct detection optical communication: a theoretical analysis**  
Cartaxo, A.V.T.; de Albuquerque, A.A.;  
[Optoelectronics, IEEE Proceedings-](#)  
Volume 141, Issue 4, Aug. 1994 Page(s):209 - 219  
[Abstract](#) | [Full Text: PDF\(700 KB\)](#) IEE JNL
- ☐ **7. An adaptive notch-filter-based frequency-difference detector and its application**  
Kwan, T.W.; Martin, K.;  
[Communications, IEEE Transactions on](#)  
Volume 43, Issue 11, Nov. 1995 Page(s):2784 - 2793  
Digital Object Identifier 10.1109/26.481229  
[Abstract](#) | [Full Text: PDF\(936 KB\)](#) IEEE JNL  
[Rights and Permissions](#)
- ☐ **8. Sequence estimation of average period of a time process without clock recovery**  
Gluskin, E.;  
[Electronics Letters](#)  
Volume 34, Issue 18, 3 Sept. 1998 Page(s):1726 - 1728  
[Abstract](#) | [Full Text: PDF\(316 KB\)](#) IEE JNL
- ☐ **9. A simple, low timing jitter, sub-multiple clock recovery technique**  
Hansryd, J.; Andrekson, P.A.; Bakhshi, B.;  
[Optical Communication, 1998. 24th European Conference on](#)  
Volume 1, 20-24 Sept. 1998 Page(s):471 - 472 vol.1  
Digital Object Identifier 10.1109/ECOC.1998.732664  
[Abstract](#) | [Full Text: PDF\(172 KB\)](#) IEEE CNF  
[Rights and Permissions](#)
- ☐ **10. All-optical clock recovery from NRZ data with simple NRZ-to-PRZ conversion using self-phase modulation of semiconductor optical amplifier**  
Hyuek Jae Lee; Hae Geun Kim; Jee Yon Choi; Hak Kyu Lee;  
[Electronics Letters](#)  
Volume 35, Issue 12, 10 Jun 1999 Page(s):989 - 990  
Digital Object Identifier 10.1049/el:19990700  
[Abstract](#) | [Full Text: PDF\(232 KB\)](#) IEE JNL
- ☐ **11. Prescaled clock recovery based on small timing misalignment of data pulses**  
Hansryd, J.; Andrekson, P.A.; Bakhshi, B.;  
[Lightwave Technology, Journal of](#)  
Volume 19, Issue 1, Jan 2001 Page(s):105 - 113  
Digital Object Identifier 10.1109/50.914491  
[Abstract](#) | [Full Text: PDF\(172 KB\)](#) IEEE JNL  
[Rights and Permissions](#)

[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2006 IEEE – All Rights Reserved

